

Claims

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1 A pharmaceutical composition suitable for
parenteral administration having anti-inflammatory and
analgesic property, characterized by the fact that it
5 contains an alkylammonium salt of a 2-arylpropionic
acid selected from the group consisting of ketoprofen,
ibuprofen, naproxen, tiaprofenic acid, in racemic as
well as in enantiomeric form, in an aqueous solution
having an osmolarity between 270 and 310 mOsm/kg and
10 at a pH in the range between 7.0 and 7.5, said
solution being free of preservatives and of supporting
substances and being prepared and kept in a gas-inert
atmosphere.

2. A pharmaceutical composition according to claim 1,
15 ^{wherein} ~~characterized by the fact that the inert gas is~~
nitrogen.

3. A pharmaceutical composition according to claim 1,
^{wherein} ~~characterized by the fact that the alkylammonium salt~~
of the 2-arylpropionic acid is the ^{d,l} ~~dl~~-lysine salt of
20 (R,S)-ketoprofen and the inert gas is nitrogen.

4. A pharmaceutical composition according to claim 1,
^{wherein} ~~characterized by the fact that the alkylammonium salt~~
of the 2-arylpropionic acid is the ² ~~1~~-lysine salt of
(R,S)-ketoprofen.

25 5. A pharmaceutical composition according to claim 1,
^{wherein} ~~characterized by the fact that the alkylammonium salt~~
of the 2-arylpropionic acid is the ¹ ~~2~~-lysine salt of R-
ketoprofen.

6. A pharmaceutical composition, according to claim 1,
30 ^{wherein} ~~characterized by the fact that the alkylammonium salt~~
of the 2-arylpropionic acid is the 1-dropropizine salt

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of R-ketoprofen.

7. A pharmaceutical composition according to claim 1,
^{wherein}
~~characterized by the fact that~~ the alkylammonium salt
of the 2-arylpropionic acid is the tromethamine salt
of S-ketoprofen.

8. A pharmaceutical composition according to claim 1,
^{wherein}
~~characterized by the fact that~~ the alkylammonium salt
of the 2-arylpropionic acid is the tromethamine salt
of R-ketoprofen.

9. A pharmaceutical composition according to claim 1,
^{wherein}
~~characterized by the fact that~~ the alkylammonium salt
of the 2-arylpropionic acid is the ^L-lysine salt of S-
ketoprofen.

10. ^{A P} Process for the preparation of the pharmaceutical
composition according to claim 1, ^{wherein}
~~characterized by~~
~~that~~ an alkylammonium salt of a 2-arylpropionic acid
selected from the group consisting of ketoprofen,
ibuprofen, naproxen and tiaprofenic acid is suitably
dissolved in water for injectable preparation at a pH
between 7.0 and 7.5 in an atmosphere of an inert gas
and away from light.

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